

Abstract Details

Title: A Study of Identifying Road Safety Aspects and Carried out Safety Audit of Four Lanned Road

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Abstract: The ultimate aim of this dissertation is to study and explore the effect of road safety aspects and safety audit of four lanned road. Road network of any country has a notable role to play for country's economy and growth. Transportation through road networks satisfies the basic needs of people. Many lives are lost and huge amount of property damage occurs due to accidents. This study is an attempt to analyze the traffic safety situation on Gurgaon Faridabad road (MDR 137), Ballabgarh Sohna road (MDR 133) and few other connecting roads in Gurgaon and Faridabad Districts of Haryana (India) and to identify counter measures for stretches in which the total harm caused by crashes can be substantially and readily reduced. The scope of this study is identifying road safety aspects and carrying out safety audit of four lanned road of Gurgaon – Faridabad road MDR 137 and Widening of Ballabgarh Sohna road MDR 133 and few other connecting roads in Gurgaon and Faridabad District of Haryana. The length of project road is 66.185 kms which was started in June 2009 and completed in June 2012. This was developed on BOT mode of delivery by M/S GF TOLL ROAD PRIVATE LIMITED a subsidiary (SPV) of M/S Reliance Infrastructure Ltd Mumbai. The necessity of this study arises from the fact that any project of this size should be examined at various stages to achieve the objective of safe operation of highway. It ensures safety for all road users and minimizes the risk and severity of accidents with minimal cost and high benefit-cost ratio.

Keywords: Road Safety Aspects, Four Lanned Road, Safety Audit.